

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/014152

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08G73/00 C08G73/02 C08G61/12 C08G61/00 C09K11/06
H01L51/30 H01B1/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08G C09K H01L H01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 6 309 763 B1 (INBASEKARAN MICHAEL ET AL) 30 October 2001 (2001-10-30) column 1, line 30 - column 2, line 52 column 2, line 65 - column 10, line 32 column 11, line 13 - column 13, line 50; claims 1-16	1-24
X	WO 03/000773 A (O'DELL RICHARD ; TOWNS CARL (GB); CAMBRIDGE DISPLAY TECH (GB)) 3 January 2003 (2003-01-03) cited in the application page 1, line 18 - page 3, line 29 page 5, line 20 - page 6, line 18 page 9, line 20 - page 15, line 13 page 16, line 9 - line 18; claims 1-31; examples 1-3	1-24

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents.

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

21 Apr11 2005

Date of mailing of the international search report

30/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kiebooms, R

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/014152

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/55927 A (TOWNS CARL ROBERT ; DELL RICHARD O (GB); CAMBRIDGE DISPLAY TECH (GB);) 21 September 2000 (2000-09-21) page 10, line 10 - page 12, line 19 page 17, line 9 - page 18, line 13 page 20, line 1 - page 24, line 6 page 26, line 1 - page 27, line 29; claims 1-65; examples 3,5 -----	1-24
X	EP 0 805 143 A (IDEMITSU KOSAN CO) 5 November 1997 (1997-11-05) page 3, line 20 - page 28, line 44 page 30, line 28 - page 55, line 55; claims 1-9 -----	1-24
X	WO 99/32537 A (ALLEN JOANNE VICTORIA ; LEEMING STEPHEN WILLIAM (GB); MORGAN JOHN DYLA) 1 July 1999 (1999-07-01) page 1, line 3 - page 35, line 34; claims 1-29; examples 1-32 -----	1-24
X	WO 01/66618 A (TOWNS CARL ROBERT ; DELL RICHARD O (GB); CAMBRIDGE DISPLAY TECH (GB)) 13 September 2001 (2001-09-13) page 1, line 1 - page 16, line 8; claims 1-15; examples 1-8 -----	1-24
A	KIEBOOMS R ET AL: "SYNTHESIS, ELECTRICAL, AND OPTICAL PROPERTIES OF CONJUGATED POLYMERS" HANDBOOK OF ADVANCED ELECTRONIC AND PHOTONIC MATERIALS AND DEVICES, XX, XX, vol. 8, 2001, pages 1-102, XPO01029240 the whole document -----	1-24

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/014152

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6309763	B1	30-10-2001	US 6169163 B1 02-01-2001
			CA 2294485 A1 28-10-1999
			CN 1263542 A 16-08-2000
			DE 69908522 D1 10-07-2003
			DE 69908522 T2 15-04-2004
			EP 0988337 A1 29-03-2000
			JP 2002506481 T 26-02-2002
			WO 9954385 A1 28-10-1999
			US 2001026878 A1 04-10-2001
			US 6255449 B1 03-07-2001
			US 6512083 B1 28-01-2003
			US 6362310 B1 26-03-2002
			US 6514632 B1 04-02-2003
WO 03000773	A	03-01-2003	EP 1397416 A1 17-03-2004
			WO 03000773 A1 03-01-2003
			JP 2004532348 T 21-10-2004
			US 2004254324 A1 16-12-2004
WO 0055927	A	21-09-2000	AU 2740299 A 11-10-1999
			AU 3177700 A 04-10-2000
			CA 2367388 A1 21-09-2000
			CN 1347572 A 01-05-2002
			EP 1169741 A1 09-01-2002
			EP 1062703 A1 27-12-2000
			WO 0055927 A1 21-09-2000
			JP 2002507825 T 12-03-2002
			JP 2002539292 T 19-11-2002
			TW 525409 B 21-03-2003
			US 6861502 B1 01-03-2005
EP 0805143	A	05-11-1997	JP 3306735 B2 24-07-2002
			JP 8193191 A 30-07-1996
			JP 3139528 B2 05-03-2001
			JP 9095470 A 08-04-1997
			DE 69617639 D1 17-01-2002
			DE 69617639 T2 08-05-2002
			EP 0805143 A1 05-11-1997
			US 6074734 A 13-06-2000
			CN 1168132 A ,C 17-12-1997
			WO 9622273 A1 25-07-1996
WO 9932537	A	01-07-1999	AT 226224 T 15-11-2002
			AU 1569399 A 12-07-1999
			CA 2315034 A1 01-07-1999
			DE 69808796 D1 21-11-2002
			DE 69808796 T2 12-06-2003
			EP 1040152 A1 04-10-2000
			ES 2183428 T3 16-03-2003
			WO 0078843 A1 28-12-2000
			WO 9932537 A1 01-07-1999
			JP 2001527102 T 25-12-2001
			US 2004054095 A1 18-03-2004
			US 6630566 B1 07-10-2003
WO 0166618	A	13-09-2001	AT 284910 T 15-01-2005
			AU 2385001 A 16-07-2001
			AU 3761801 A 17-09-2001

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/014152

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0166618	A	CN 1419574 A	21-05-2003
		DE 60107807 D1	20-01-2005
		EP 1246860 A1	09-10-2002
		EP 1263837 A1	11-12-2002
		WO 0149769 A1	12-07-2001
		WO 0166618 A1	13-09-2001
		JP 2004500455 T	08-01-2004
		JP 2004500468 T	08-01-2004
		US 2003194577 A1	16-10-2003
		AT 283302 T	15-12-2004
		AT 274540 T	15-09-2004
		AT 288465 T	15-02-2005
		AU 2690001 A	16-07-2001
		AU 3177700 A	04-10-2000
		AU 3577301 A	03-09-2001
		AU 3577801 A	03-09-2001
		CA 2367388 A1	21-09-2000
		CN 1404521 A	19-03-2003
		DE 60105130 D1	30-09-2004
		DE 60105130 T2	27-01-2005
		DE 60107380 D1	30-12-2004
		DE 60108726 D1	10-03-2005
		EP 1169741 A1	09-01-2002
		EP 1244723 A2	02-10-2002
		EP 1263834 A1	11-12-2002
		EP 1257611 A1	20-11-2002
		WO 0149768 A2	12-07-2001
		WO 0162822 A1	30-08-2001
		WO 0162869 A1	30-08-2001
		JP 2002539292 T	19-11-2002
		JP 2003519266 T	17-06-2003
		JP 2004500463 T	08-01-2004
		JP 2004500464 T	08-01-2004
		US 2003186079 A1	02-10-2003
		US 6861502 B1	01-03-2005